

FIG. 1

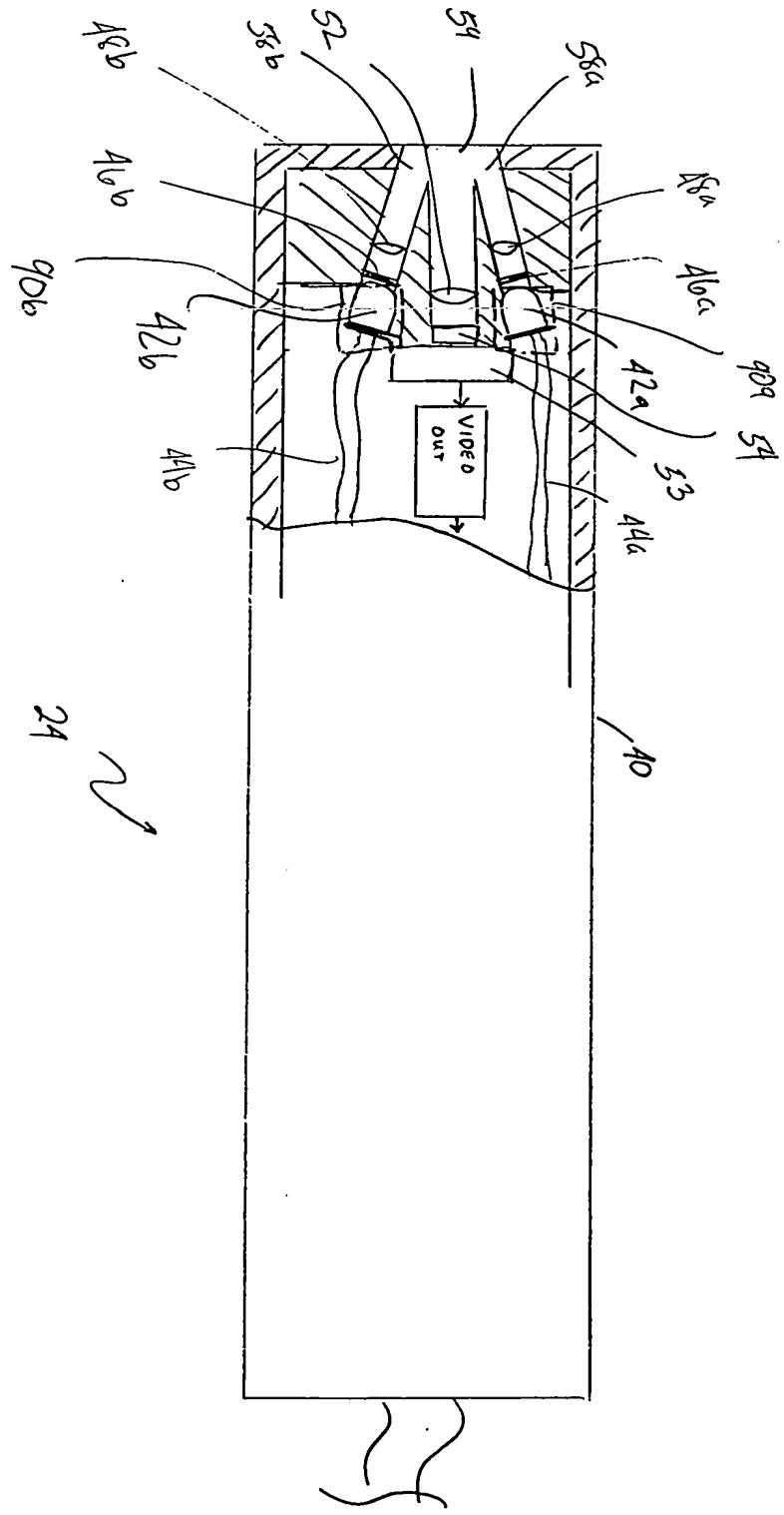


FIG. 2

Fig. F

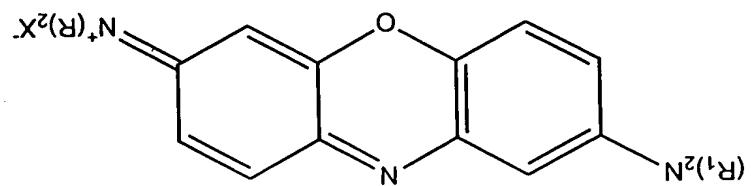


Fig. G

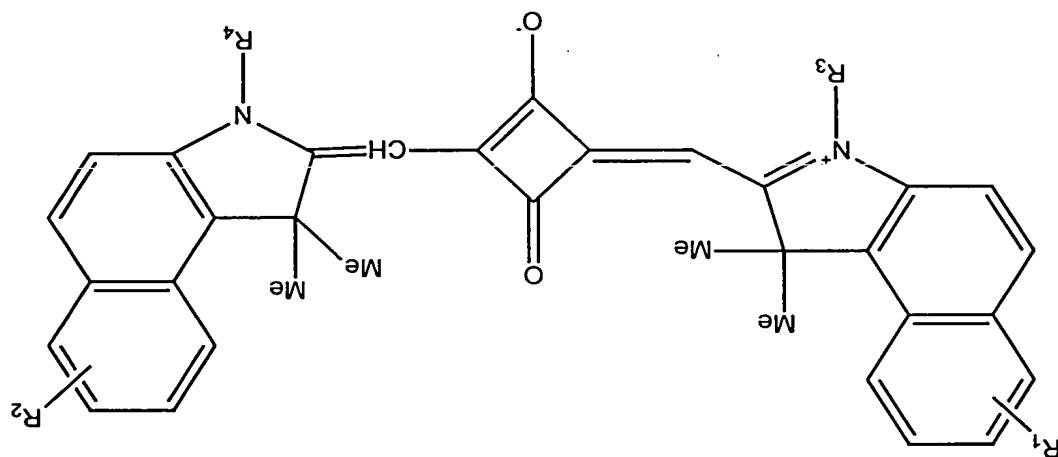


Fig. H

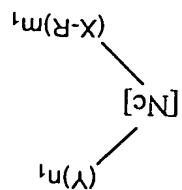
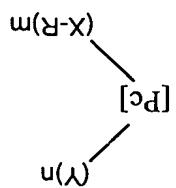


Fig. I



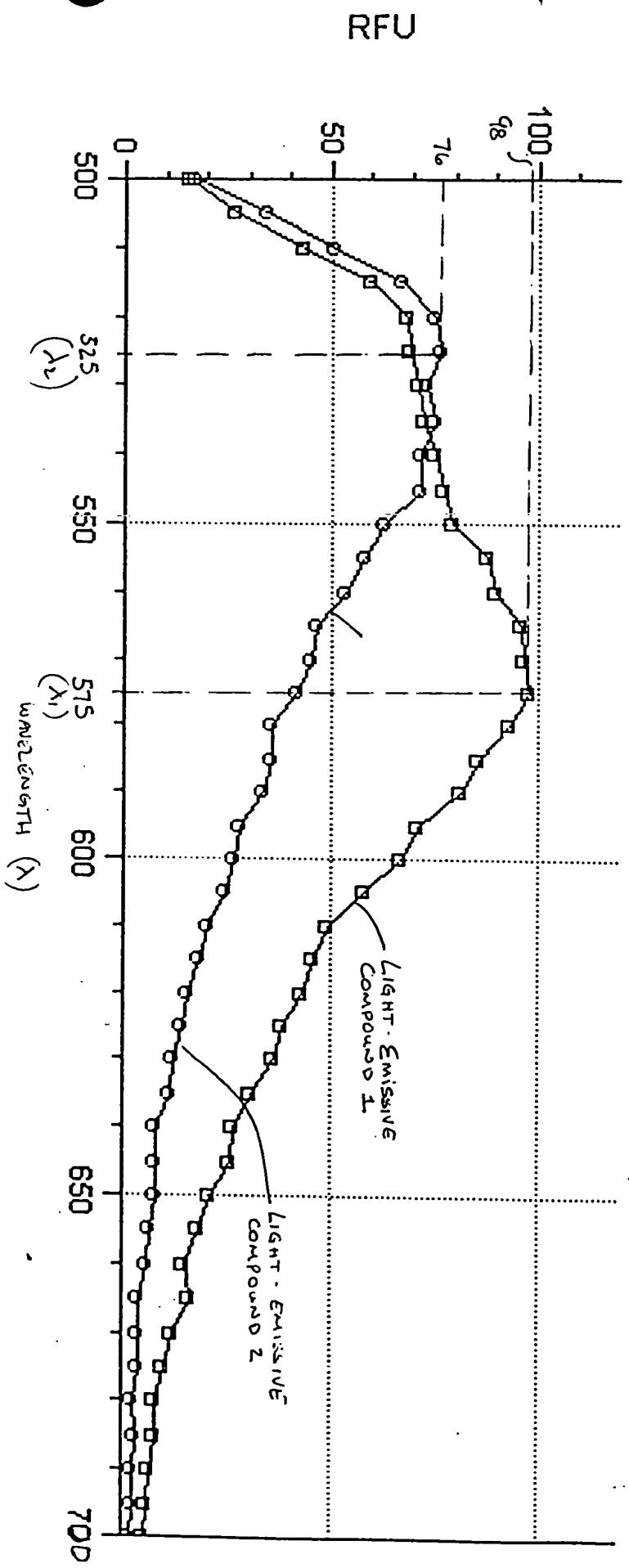
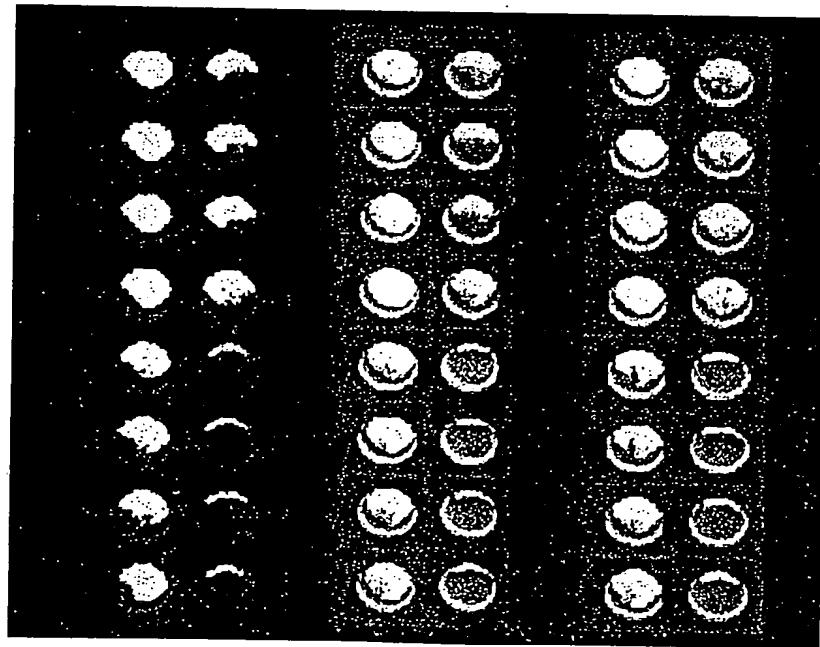


Fig. 7

09556283 - 0424800

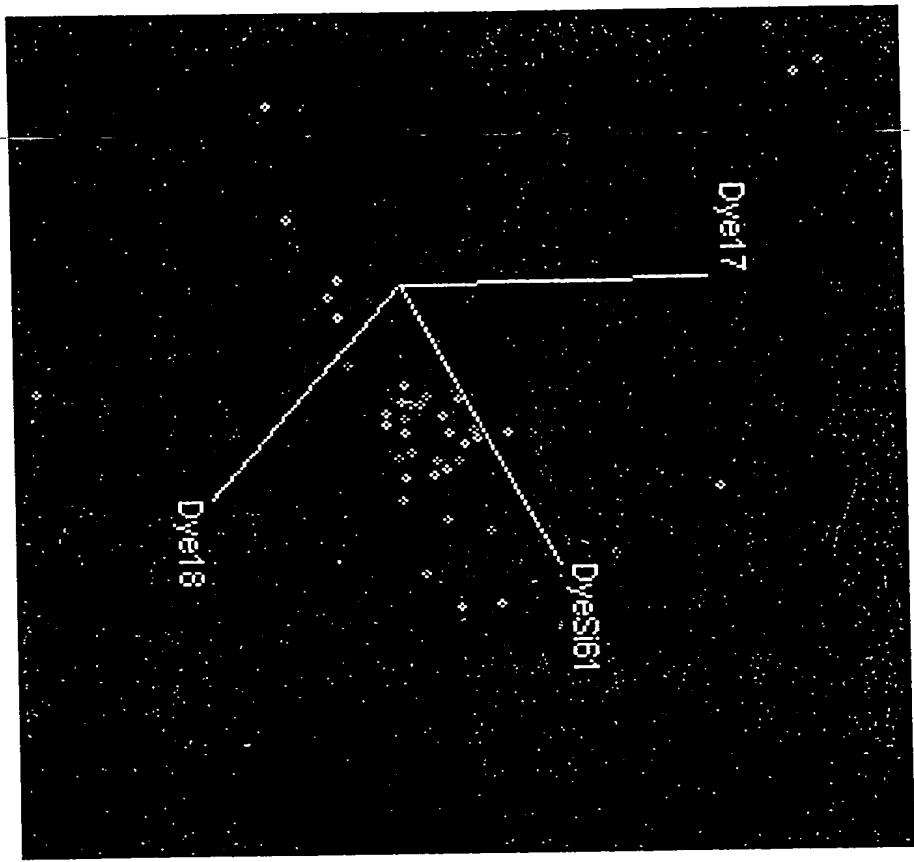
F(5.8)



Compound 3
Lig-H-Cu(II)

Compound 2
Lig-H-Eu(II)

Compound 2
Lig-H-Eu(III)



09556280 • 042400

FIG.
69

FIG. 11

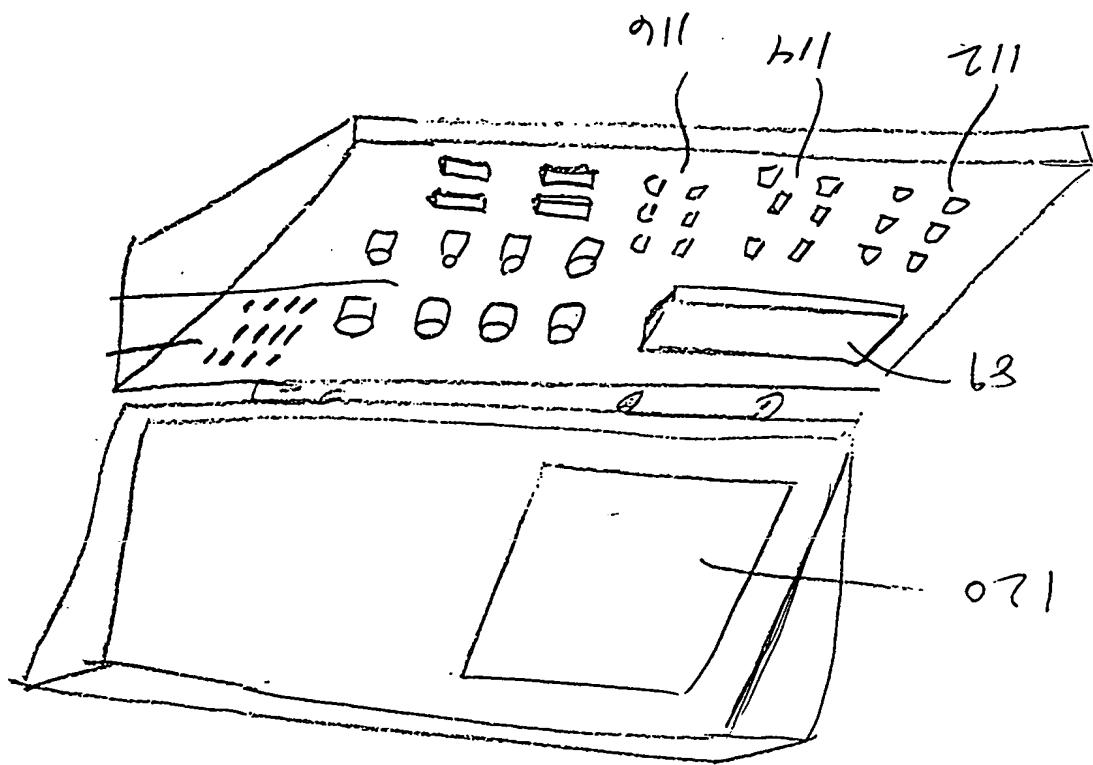
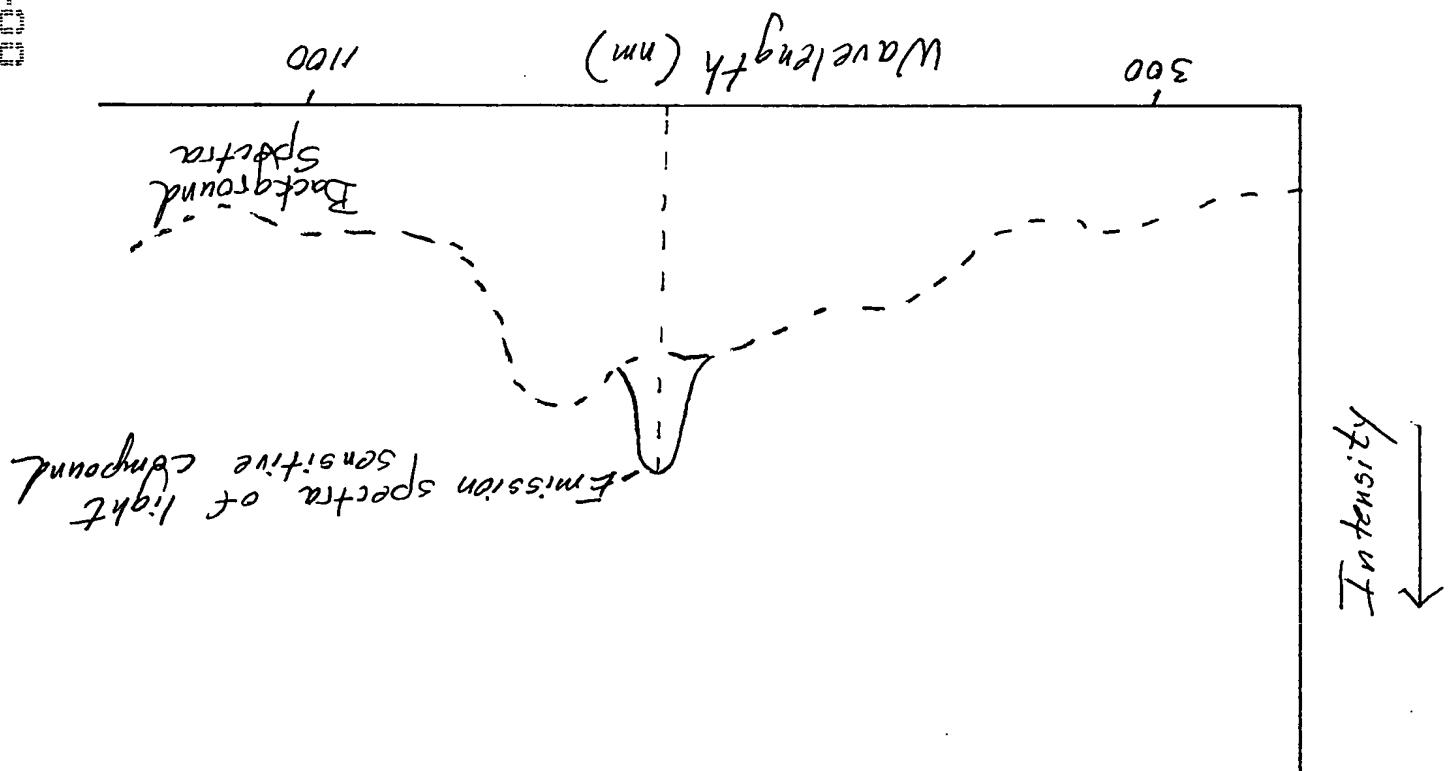


FIG. 10



000000000000000000000000

~ 200

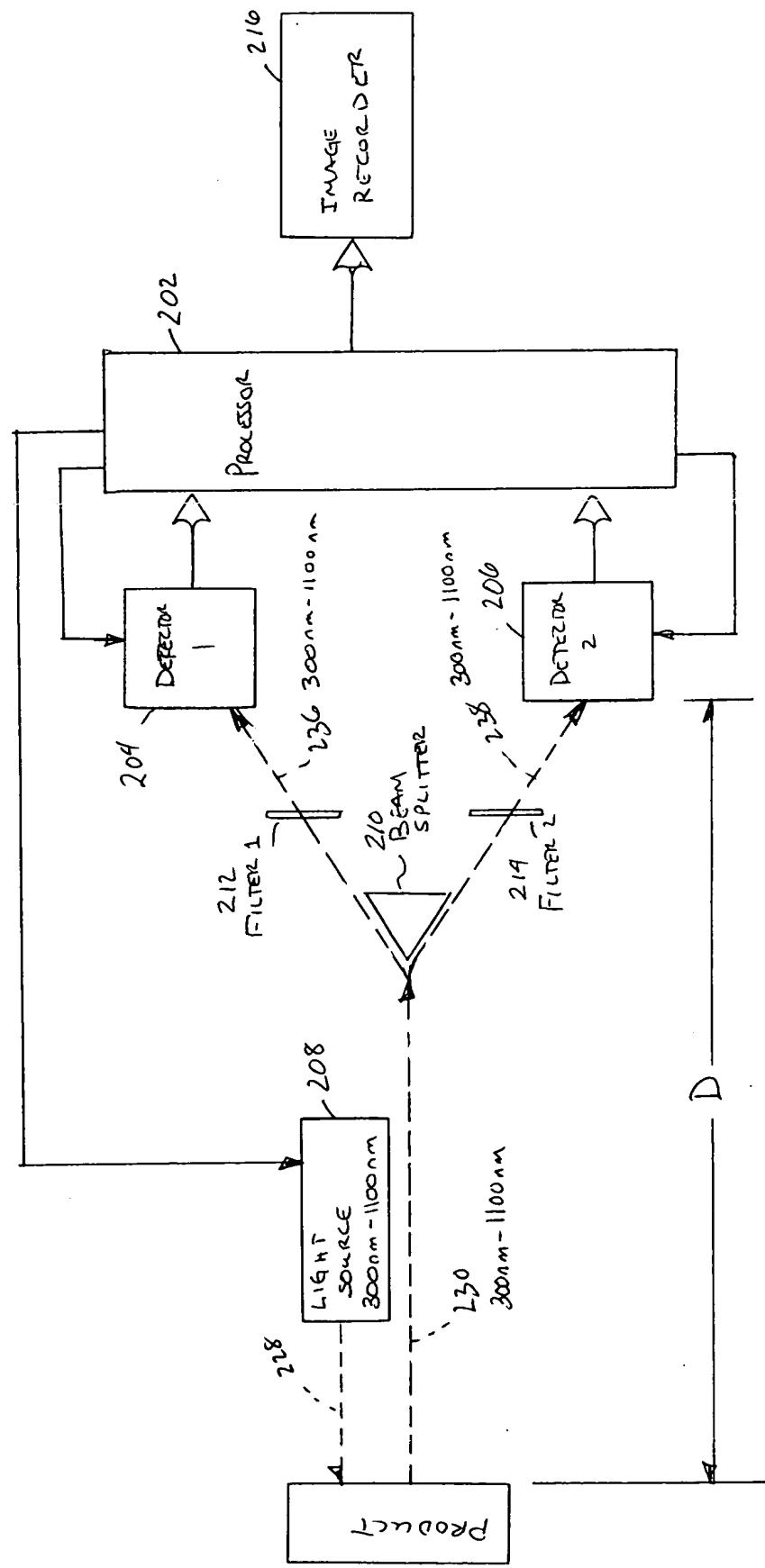


FIG. 12

System Block Diagram

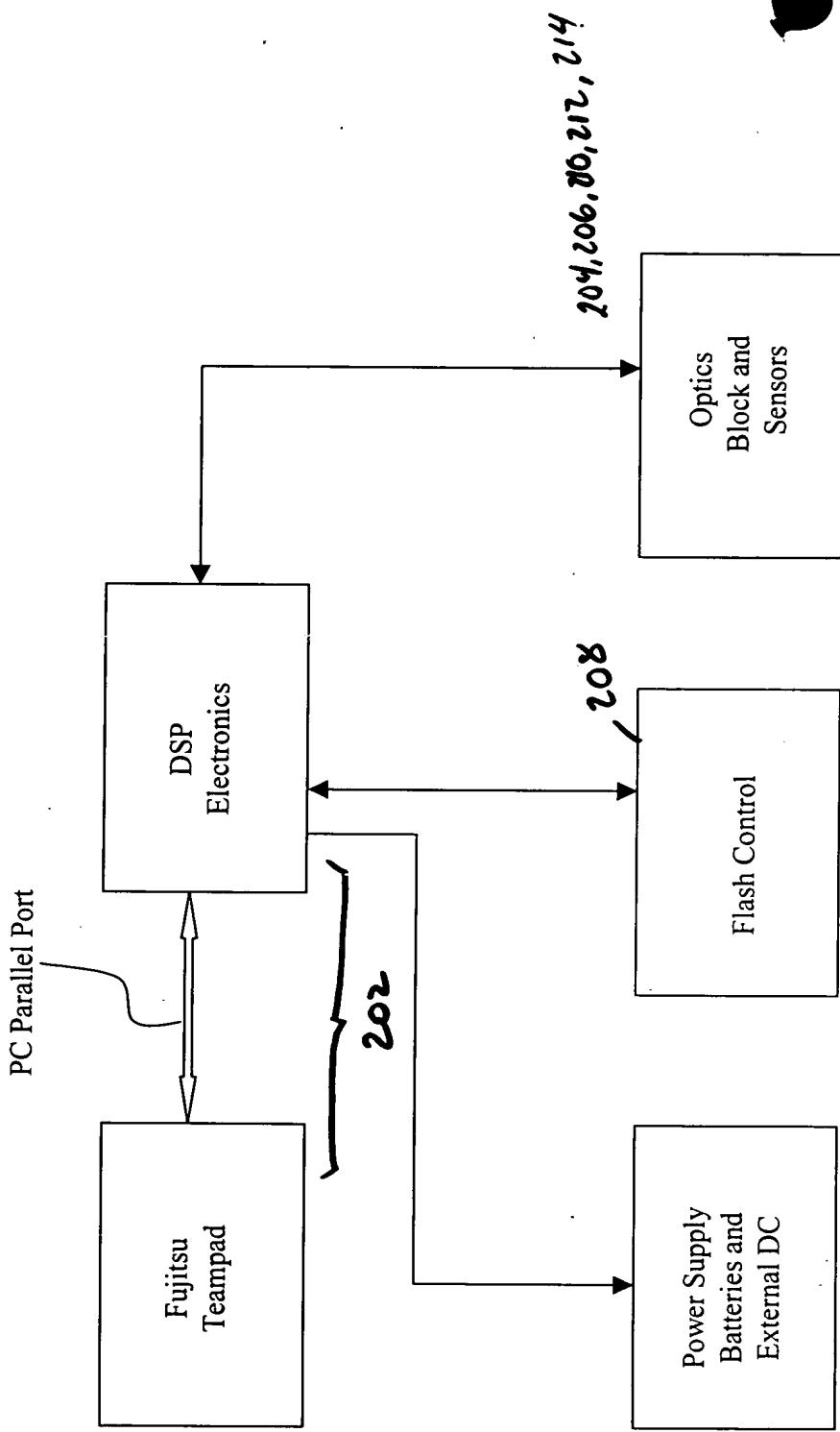


Fig. 8/3

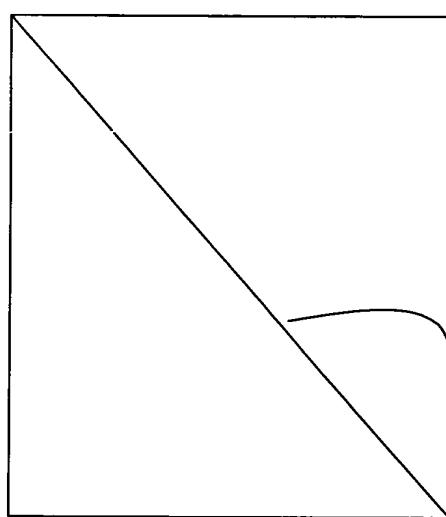
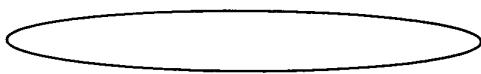
Optics Block

Beam Splitter 210

212

-204

Light



Dual Filter Actuator

PB 300 VGA sensor

Lower 8 bits

Upper 8 bits

206

PB 300 VGA sensor

FIG. 4/4

Dual Filter Actuator

The filter assembly is moved by the trigger so that the position detector is actuated. At the point that the filter is fully in position the proper filter is covering the PB300 sensor and the image is captured on the 2 sensors simultaneously.

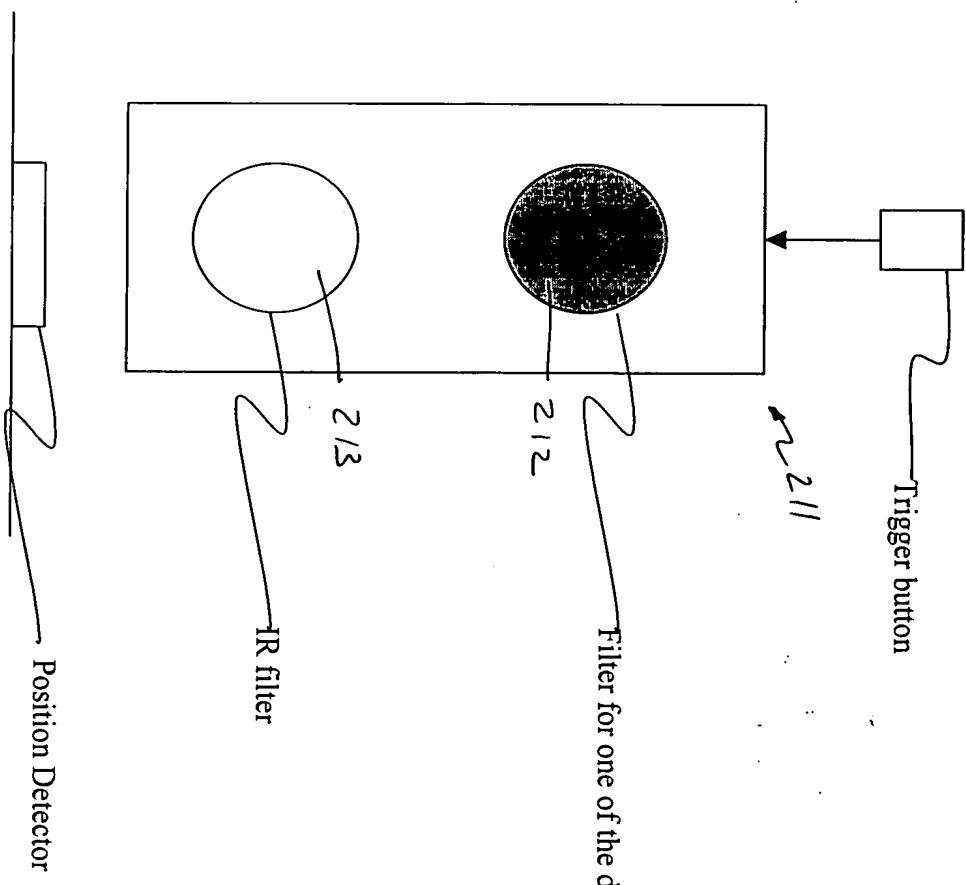


FIG. 15

DSP Electronics

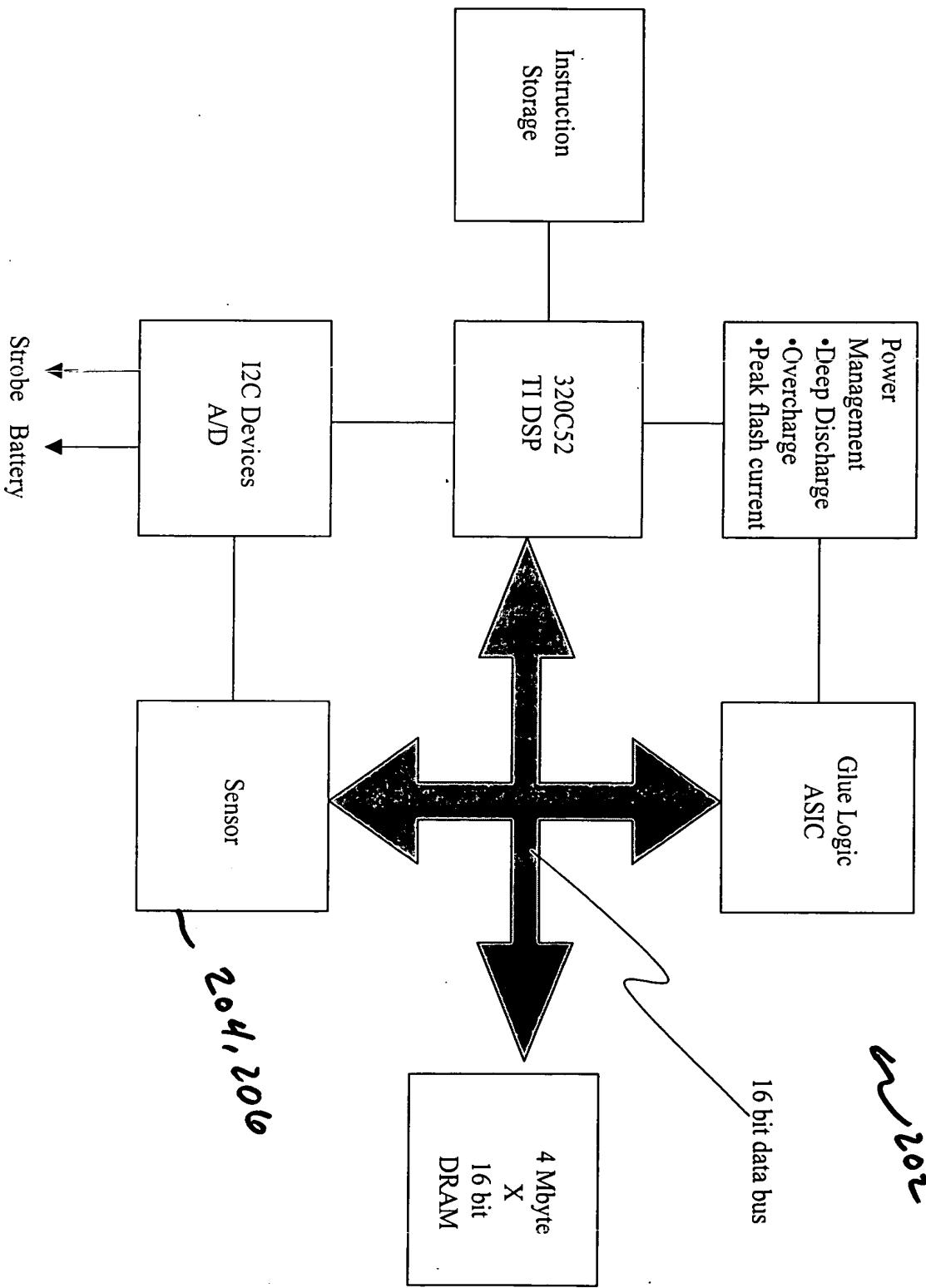


Fig. 16

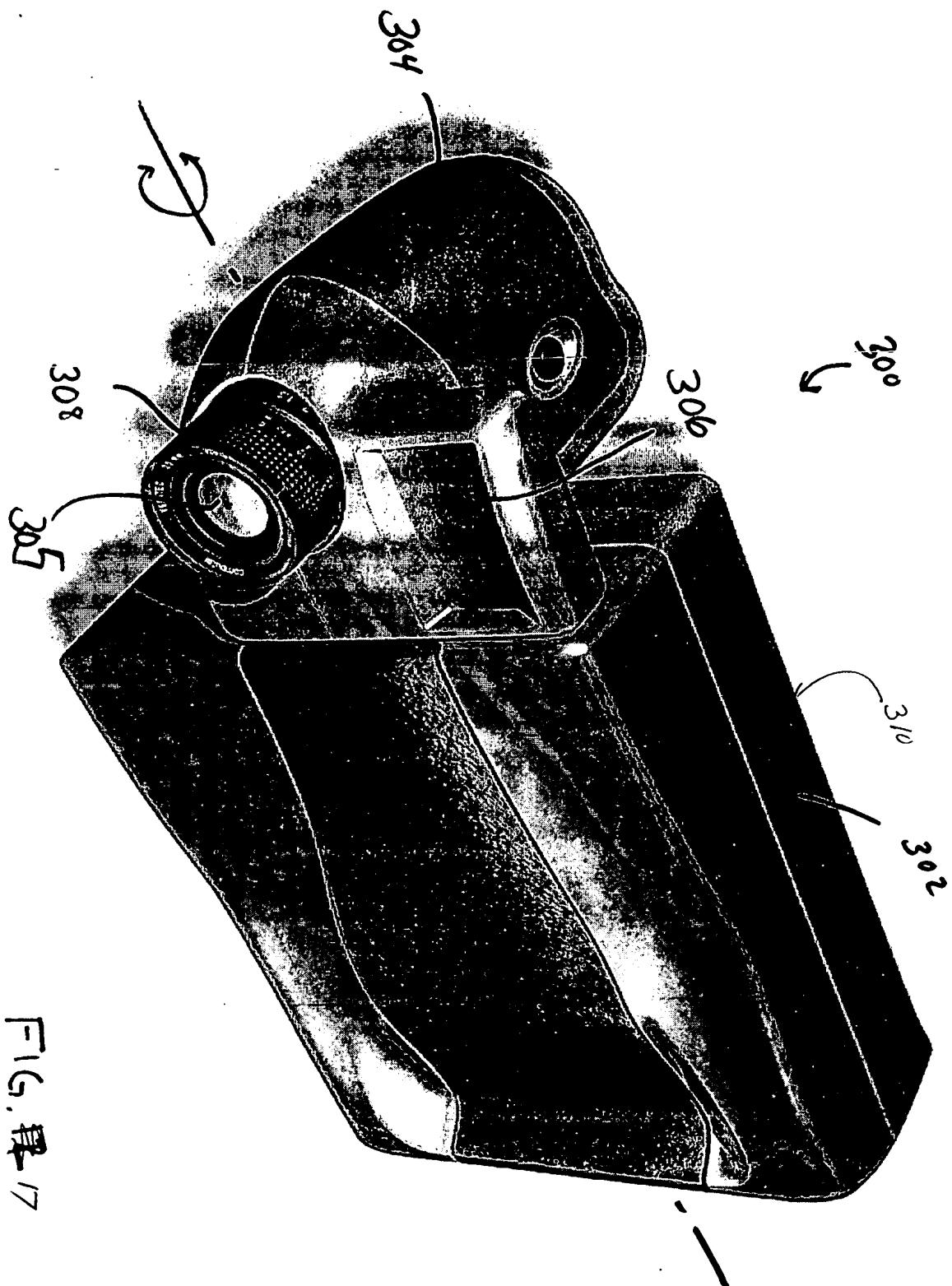


FIG. 17